



*IFW*

*Receipt*

THE UNITED STATES PATENT AND TRADEMARK OFFICE

BM-177PCT

Applicant : Günter Barrenberg, et al  
Serial No. : 10/550,635  
Filed : September 22, 2005  
For : CYLINDER LOCK

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

S I R:

The filing receipt received in the above-identified application (copy attached) has an error in the date of the Domestic Priority data as claimed by applicant.

Accordingly, it is respectfully requested that a corrected filing receipt be issued showing the Domestic Priority data as claimed by applicant as shown below:

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP03/11941 10/28/2003

Enclosed herewith is a copy of the cover sheet of the International Application.

Since this error is not due to applicant's mistake, no fee is required.

Respectfully submitted,

By *F. Kueffner*  
Friedrich Kueffner -Reg. No. 29,482

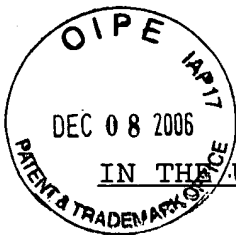
Encls: Incorrect Filing Receipt

A copy of the cover sheet of the International Application

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 30, 2006.

November 30, 2006

*F. Kueffner*  
Friedrich Kueffner



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No. : 10/550,635  
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For : CYLINDER LOCK

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P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED NOTICE OF ACCEPTANCE OF APPLICATION**

S I R:

The Notice of Acceptance of Application received in the above-identified application (copy attached) has an error in the I.A. Filing Date:


Accordingly, it is respectfully requested that a corrected Notice of Acceptance of Application be issued showing the I.A. Filing Date as shown below:

**I.A. FILING DATE**  
**10/28/2003**

Enclosed herewith is a copy of the cover sheet of the International Application.

Since this error is not due to applicant's mistake, no fee is required.

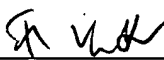
Respectfully submitted,

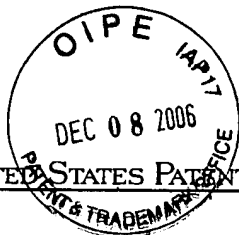
By   
Friedrich Kueffner -Reg. No. 29,482

Encls: Incorrect Notice of Acceptance of Application  
A copy of the cover sheet of the International Application

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November 30, 2006

  
Friedrich Kueffner



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 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/550,635	09/22/2005	3676	1350	BM-177PCT		29	1

40570  
 FRIEDRICH KUEFFNER  
 317 MADISON AVENUE, SUITE 910  
 NEW YORK, NY 10017

**RECEIVED**  
 OCT 12 2006

CONFIRMATION NO. 1966

FILING RECEIPT



\*OC000000020662619\*

FRIEDRICH KUEFFNER, P.C.

Date Mailed: 10/04/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

**Applicant(s)**

Gunter Barrenberg, Velbert, GERMANY;  
 Matthias Low, Ratingen, GERMANY;

**Power of Attorney:** The patent practitioners associated with Customer Number 40570.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP03/11941 10/28/2004

**Foreign Applications**

GERMANY 103 13 125.6 03/24/2003

**Projected Publication Date:** 01/11/2007

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Cylinder lock

**Preliminary Class**

070

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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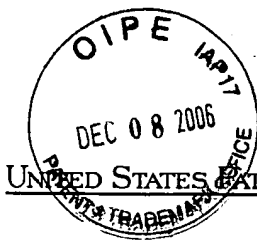
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
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10/550,635

Gunter Barrenberg

BM-177PCT

40570  
 FRIEDRICH KUEFFNER  
 317 MADISON AVENUE, SUITE 910  
 NEW YORK, NY 10017

**RECEIVED**  
 OCT 12 2006

FRIEDRICH KUEFFNER, P.C.

INTERNATIONAL APPLICATION NO.

PCT/EP03/11941

I.A. FILING DATE

PRIORITY DATE

10/28/2004

03/24/2003

CONFIRMATION NO. 1966

371 ACCEPTANCE LETTER



\*OC000000020662620\*

Date Mailed: 10/04/2006

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

09/22/200509/22/2005

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and  
 (c)(4) REQUIREMENTS

DATE OF COMPLETION OF ALL 35 U.S.C. 371  
 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 09/22/2005
- Copy of the International Search Report filed on 09/22/2005
- Copy of IPE Report filed on 09/22/2005
- Preliminary Amendments filed on 09/22/2005
- Information Disclosure Statements filed on 09/22/2005
- Oath or Declaration filed on 09/22/2005
- Request for Immediate Examination filed on 09/22/2005
- U.S. Basic National Fees filed on 09/22/2005
- Assignment filed on 09/22/2005
- Priority Documents filed on 09/22/2005

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

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CHRISTINE S WASHINGTON

Telephone: (703) 308-9140 EXT 228

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

(12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES  
PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro



(43) Internationales Veröffentlichungsdatum  
7. Oktober 2004 (07.10.2004)

PCT

(10) Internationale Veröffentlichungsnummer  
**WO 2004/085772 A1**

(51) Internationale Patentklassifikation<sup>7</sup>: **E05B 29/00**

(21) Internationales Aktenzeichen: PCT/EP2003/011941

(22) Internationales Anmeldedatum:  
28. Oktober 2003 (28.10.2003)

(25) Einreichungssprache: Deutsch

(26) Veröffentlichungssprache: Deutsch

(30) Angaben zur Priorität:  
103 13 125.6 24. März 2003 (24.03.2003) DE

(71) Anmelder (für alle Bestimmungsstaaten mit Ausnahme von  
US): **HUF HÜLSBECK & FÜRST GMBH & CO. KG**  
[DE/DE]; Steeger Strasse 17, 42551 Velbert (DE).

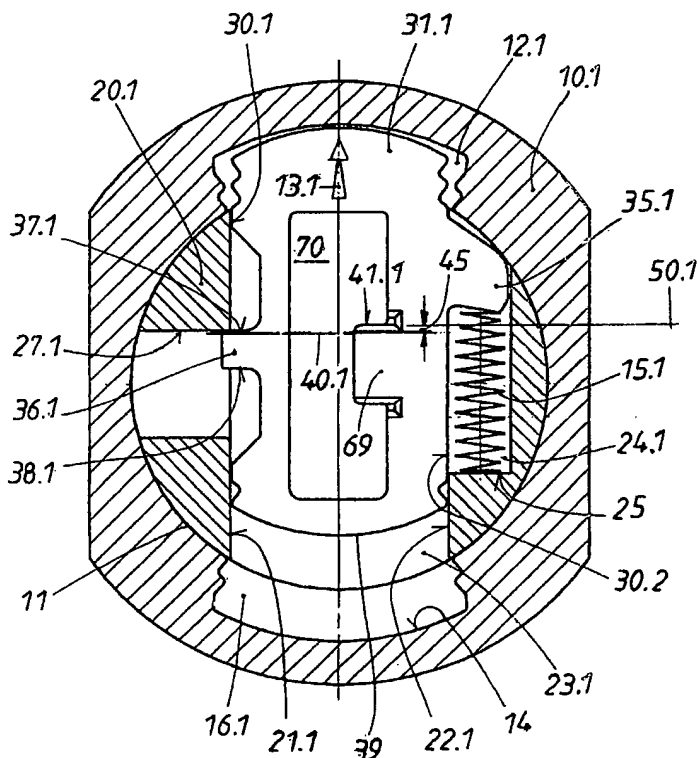
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**Günter** [DE/DE]; Am Buschkotheln 20, 42551 Velbert  
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[Fortsetzung auf der nächsten Seite]

(54) Title: CYLINDER LOCK

(54) Bezeichnung: SCHLIESSZYLINDER



(57) Abstract: The cylinder lock is comprised of a cylinder housing (10.1) and of a cylinder core (20.1), which is mounted therein and which accommodates spring-loaded plate-shaped tumblers (31.1) that can be longitudinally placed therein. The plate longitudinal edges (30.1, 30.2) of the tumblers are then guided on guiding surfaces (21.1, 22.1) inside the cylinder core (20.1). The tumblers (31.1) have control edges (41.1) placed at defined heights (45). The aim of the invention is to render the cylinder lock not only burglar-proof, but to also ensure a reliable protection against the loss of tumblers. To this end, the invention firstly provides that a cam (36.1) having a least one pair of flanks (37.1, 38.1) is placed either on one plate longitudinal edge (30.1) of the tumblers (31.1) or on the guiding surface in the cylinder core facing said plate longitudinal edge. The invention also provides that a cutout (26.1) is made either on the cylinder core (20.1) next to its cavity (23.1) for tumbler (31.1) or the cutout is made on the tumbler itself on its plate longitudinal edge facing the cam. Said cutout has at least one pair of mating flanks (27.1, 28.1) and is opposite the cam-side flanks (37.1, 38.1). The flanks and mating flanks (27.1, 37.1) function as a stop and counter stop for concealing the actual position of the control edges. At the same time,

at least one flank and mating flank (27.1, 37.1) provide for a protection against the loss of tumblers, which provides for a holding together of the modular unit, which consists of the spring-loaded (13.1) tumblers (31.1) and of the cylinder core (20.1), even when the modular unit is located outside of the cylinder housing (10.1).

(57) Zusammenfassung: Der Schliesszylinder besteht aus einem Zylindergehäuse (10.1) und einem darin gelagerten Zylinderkern (20.1), welcher federbelastete plattenförmige Zuhaltungen (31.1) aufnimmt, die darin längsverschieblich sind. Die Plattenlängskanten (30.1, 30.2) der Zuhaltungen werden

[Fortsetzung auf der nächsten Seite]

WO 2004/085772 A1